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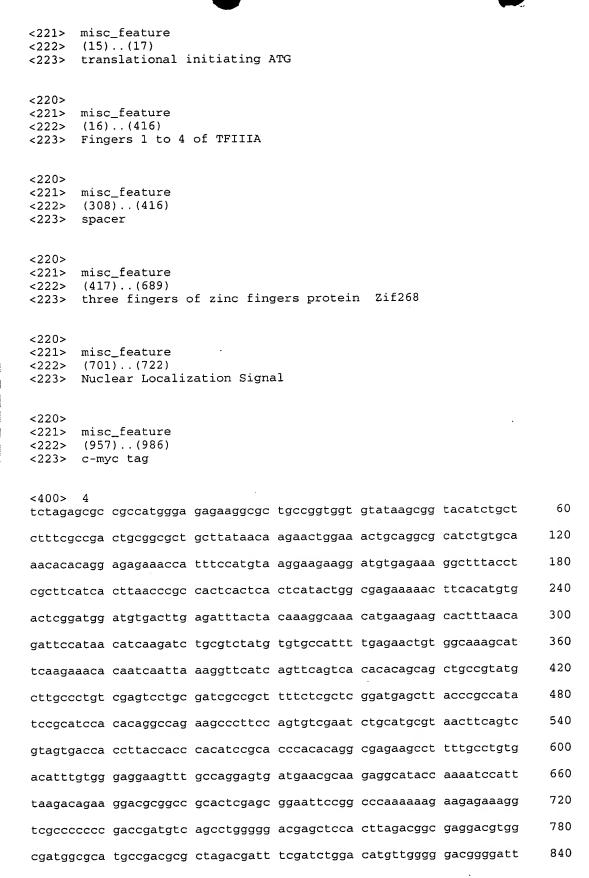
<110> Yen Choo, et al.

<120> Regulated Gene Expression in Plants

<130> 674538-2001

<160> 21

<170> PatentIn version 3.0

<210> 1
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<212> DNA
<213> Artificial Sequence

<220>
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<222> (1)..(14)
<223> Plant translational initiation context sequence

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<212> DNA
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<220>
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<223> plant translational initiation context sequence

<400> 2
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<220>
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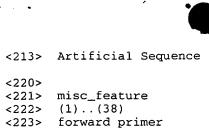

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<223> Fingers 1 to 4 of TFIIIA

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<222> (308)..(416)
<223> spacer

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<222> (417)..(689)
<223> three fingers of zinc fingers protein Zif268

<220>
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<222> (701)..(722)
<223> Nuclear Localization Signal

<220>
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<222> (957)..(986)
<223> c-myc tag

<400> 4

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tctagagcgc cgccatggga gagaaggcgc tgccggtggt gtataagcgg tacatctgct      60

ctttcgccga ctgcggcgct gcttataaca agaactggaa actgcaggcg catctgtgca     120

aacacacagg agagaaacca tttccatgta aggaagaagg atgtgagaaa ggctttacct     180

cgcttcatca cttaacccgc cactcactca ctcatactgg cgagaaaaac ttcacatgtg     240

actcggatgg atgtgacttg agatttacta caaaggcaaa catgaagaag cactttaaca     300

gattccataa catcaagatc tgcgtctatg tgtgccattt tgagaactgt ggcaaagcat     360

tcaagaaaca caatcaatta aaggttcatc agttcagtca cacacagcag ctgccgtatg     420

cttgccctgt cgagtcctgc gatcgccgct tttctcgctc ggatgagctt acccgccata     480

tccgcatcca cacaggccag aagcccttcc agtgtcgaat ctgcatgcgt aacttcagtc     540

gtagtgacca ccttaccacc cacatccgca cccacacagg cgagaagcct tttgcctgtg     600

acatttgtgg gaggaagttt gccaggagtg atgaacgcaa gaggcatacc aaaatccatt     660

taagacagaa ggacgcggcc gcactcgagc ggaattccgg cccaaaaaag aagagaaagg     720

tcgcccccccc gaccgatgtc agcctggggg acgagctcca cttagacggc gaggacgtgg     780

cgatggcgca tgccgacgcg ctagacgatt tcgatctgga catgttgggg gacggggatt     840
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cccccgggggcc gggatttacc ccccacgact ccgccccctta cggcgctctg gatacggccg   · 900

acttcgagtt tgagcagatg tttaccgatg cccttggaat tgacgagtac ggtggggaac    960

aaaaacttat ttctgaagaa gatctgtaag gatcc                             995
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        listed below) same as SEQ ID NO:


<220>
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<222>   (909)..(938)
<223>   c-myc tag, other features except transactivation domain VP64 (lis
        ted above) same as SEQ ID NO:


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aacacacagg agagaaacca tttccatgta aggaagaagg atgtgagaaa ggctttacct    180

cgcttcatca cttaacccgc cactcactca ctcatactgg cgagaaaaac ttcacatgtg    240

actcggatgg atgtgacttg agatttacta caaaggcaaa catgaagaag cactttaaca    300

gattccataa catcaagatc tgcgtctatg tgtgccattt tgagaactgt ggcaaagcat    360

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cttgccctgt cgagtcctgc gatcgccgct tttctcgctc ggatgagctt acccgccata    480

tccgcatcca cacaggccag aagcccttcc agtgtcgaat ctgcatgcgt aacttcagtc    540

gtagtgacca ccttaccacc cacatccgca cccacacagg cgagaagcct tttgcctgtg    600

acatttgtgg gaggaagttt gccaggagtg atgaacgcaa gaggcatacc aaaatccatt    660

taagacagaa ggacgcggcc gcactcgagc ggaattccgg cccaaaaaag aagagaaagg    720

tcgaacttca gctgacttcg gatgcattag atgactttga cttagatatg ctaggatctg    780

acgcgctaga cgatttcgat ctggacatgt gggcagcga tgctctagac gatttcgatt    840

tagatatgct tggctcggat gccctggatg acttcgacct cgacatgctg tcaagtcagc    900

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<210>   6
<211>   14
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<212>   DNA
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<220>
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<222>   (1)..(14)
<223>   plant translational initiation context sequence


<400>   6
aaggagatat aaca                                                      14


<210>   7
<211>   29
<212>   DNA
<213>   Artificial Sequence

<220>
<221>   protein_bind
<222>   (1)..(29)
<223>   target DNA sequence


<400>   7
tgcgtgggcg tgtacctgga tgggagacc                                      29


<210>   8
<211>   35
<212>   DNA
<213>   Artificial Sequence

<220>
<221>   misc_feature
<222>   (1)..(35)
<223>   forward primer


<400>   8
ccacgcgtcc atgggagaga aggcgctgcc ggtgg                               35


<210>   9
<211>   44
<212>   DNA
<213>   Artificial Sequence

<220>
<221>   misc_feature
<222>   (1)..(44)
<223>   reverse primer


<400>   9
ccactagtcc ttacagatct tcttcagaaa taagtttttg ttcc                     44


<210>   10
<211>   148
<212>   DNA
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<220>
<221>  misc_feature
<222>  (1)..(148)
<223>  Sense strand primer


<400>  10
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cacgcccacg caagtcggtc tcccatccag gtacacgccc acgcaagtcg gtctcccatc    120

caggtacacg cccacgcaag aagcttcc                                       148


<210>  11
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<212>  DNA
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<220>
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<222>  (1)..(148)
<223>  antisense strand primer


<400>  11
ggaagcttct'tgcgtgggcg tgtacctgga tgggagaccg acttgcgtgg gcgtgtacct     60

ggatgggaga ccgacttgcg tgggcgtgta cctggatggg agaccgactt gcgtgggcgt    120

gtacctggat gggagaccga tctagagg                                       148


<210>  12
<211>  45
<212>  DNA
<213>  Artificial Sequence

<220>
<221>  misc_feature
<222>  (1)..(45)
<223>  forward primer


<400>  12
ccagatctgg tctcccatcc aggtacacgc ccacgcaaga tctcc                     45


<210>  13
<211>  46
<212>  DNA
<213>  Artificial Sequence

<220>
<221>  misc_feature
<222>  (1)..(46)
<223>  reverse primer


<400>  13
ggagatcttg cgtgggcgtg tacctggatg ggagaccaga tctcgg                    46
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<210> 14
<211> 34
<212> DNA
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<220>
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<223> forward primer

<400> 14
ccccatggtg agcaagggcg aggagctgtt cacc   34

<210> 15
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(35)
<223> reverse primer

<400> 15
ccgaattctt acttgtacag ctcgtccatg ccgag   35

<210> 16
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<212> DNA
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<220>
<221> misc_feature
<222> (1)..(28)
<223> forward primer

<400> 16
ccctcgagcg gggtaccgcg ggcccggg   28

<210> 17
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<212> DNA
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<220>
<221> misc_feature
<222> (1)..(30)
<223> reverse primer

<400> 17
cagttggaat tctagagtcg cggccgctac   30

<210> 18
<211> 38
<212> DNA

<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(38)
<223> forward primer

<400> 18
ccgctcgagg ccccccccgac cgatgtcagc ctgggggga   38

<210> 19
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(38)
<223> reverse primer

<400> 19
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<210> 20
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<400> 20
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<210> 21
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<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(32)
<223> reverse primer

<400> 21
gcctattaat ttgagaatga acaaaaagga cc   32